

Message

From: Harrigan, Sandra [Sandra.Harrigan@tetrattech.com]
Sent: 6/7/2019 7:06:40 PM
To: Scheer, Dave (MPCA) [dave.scheer@state.mn.us]
CC: Hamblin, Patrick [hamblin.patrick@epa.gov]; Jevnisek, Jennifer M (MPCA) [jennifer.jevnisek@state.mn.us]; Biglow, Crague (MPCA) [crague.biglow@state.mn.us]
Subject: RE: St. Louis Park - Water Treatment Plant No. 4 and Drinking Water Well SLP4

Thanks Dave. Will look over the information provided. Have a great weekend.

Sandra Harrigan | Project Manager
 Direct: 678.775.3088 | Cell: 678.773.5428
 Fax: 678.775.3138
sandra.harrigan@tetrattech.com
 Tetra Tech | Complex World. Clear Solutions
 1955 Evergreen Boulevard | Building 200, Suite 300
 Duluth, GA 30096 | www.tetrattech.com

PLEASE NOTE: This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.

From: Scheer, Dave (MPCA) [mailto:dave.scheer@state.mn.us]
Sent: Thursday, June 6, 2019 6:04 PM
To: Harrigan, Sandra <Sandra.Harrigan@tetrattech.com>
Cc: Hamblin, Pat (hamblin.patrick@epa.gov) <hamblin.patrick@epa.gov>; Jevnisek, Jennifer M (MPCA) <jennifer.jevnisek@state.mn.us>; Biglow, Crague (MPCA) <crague.biglow@state.mn.us>
Subject: FW: St. Louis Park - Water Treatment Plant No. 4 and Drinking Water Well SLP4

⚠ CAUTION: This email originated from an external sender. Verify the source before opening links or attachments. ⚠

Sandra;

Below are the responses to your questions from Jay Hall, Utilities Superintendent for City of St. Louis Park. Please let me know if you need additional information.

Dave

David Scheer P.G.
 Senior Hydrogeologist
 Remediation Division
 Minnesota Pollution Control Agency
 520 Lafayette Road
 St. Paul, MN 55155

(w) 651.757.2693
 (F) 651.296.9707

From: Jay Hall <jhall@stlouispark.org>
Sent: Thursday, June 06, 2019 12:51 PM

To: Scheer, Dave (MPCA) <dave.scheer@state.mn.us>

Cc: Joseph Shamla <jshamla@stlouispark.org>; Mark Hanson <MHANSON@stlouispark.org>

Subject: RE: St. Louis Park - Water Treatment Plant No. 4 and Drinking Water Well SLP4

Hi Dave,

Our answers are in red. We did take raw and treated VOC samples today and will send those to you as soon as we receive the results. Please let me know if you need any other information or need anything clarified?

The Substantial Completion Certificate indicates that the work at Water Treatment Plant 4 was completed on March 31, 2019; however, as written on the certificate, it is not clear that March 31, 2019 is the date that Well No. SLP4 was brought back on line as a regular source of drinking water. As a result, we have the following questions for the City of St. Louis Park.

- Please confirm that Water Treatment Plant No. 4 and municipal well SLP4 were brought back on line as a regular source of drinking water on March 31, 2019? If full time operation of the well and treatment plant occurred on a later date please indicate the date full time operation began. SLP 4 was initially put back in service on 1-2-2019, but had multiple issues that required the plant to be turned on and off several times, until being left off because of noise/rumbling issue on 2-18-19. Plant ran M-F from 8:00 a.m. to 2:00 p.m. from 3-5-2019 to 5-1-2019 (turned off for minor repairs occasionally). Plant was back to full time operation on 5-2-2019 after the flexible fittings were installed to reduce noise/rumbling. Plant has remained on in full operation since 5-2-2019, with occasional shutdowns for minor repairs. March 31, 2019 was an agreed substantial completion date because the plant was operational, but city decided to shut plant off because of resident complaints on noise/rumbling. May 2, 2019 would be the correct date that the plant was in full time operation.
- Have any samples been collected from SLP4 after it was brought back on line in full time operation? If not, please provide the laboratory results for the next round of untreated (raw) water samples collected from SLP4 as soon as they become available. Raw and treated samples are being taken tomorrow 6-6-19, we will forward the test results to you once we receive them from PACE.
- During the time that SLP4 was off line, was it regularly maintained for use as a backup or emergency well? No If so, was it actually used in an emergency or backup situation? N/A
- If SLP4 was used as an emergency or backup well for drinking water, do you any laboratory results of samples from the untreated (raw water) collected during that time? N/A For example, was SLP4 used as an emergency or backup well in December 2018 or February 2019? N/A
- What is the current population served by the City of St. Louis Park? 47,221
- How many wells are currently used for the drinking water supply? 9 including SLP 4.
- Are the wells part of a blended system where water from all wells is mixed at a water treatment plant or can be mixed in the distribution lines? They can be mixed in the distribution system or elevated storage tanks. We have 6 WTP's located throughout the city, but all the distribution lines are all connected together.
- Based on the attached water use data that shows the gallons pumped from each well per month, none of the wells appear to provide more than 40 percent of the total water supply. Please confirm that this statement is correct. Yes, that is a true statement.

Thanks,
Jay

Jay Hall

Utilities Superintendent | City of St. Louis Park

7305 Oxford Street, St. Louis Park, MN 55426

Office: 952-924-2557 | Cell Phone: 952-242-7648

www.stlouispark.org

Experience LIFE in the Park

From: Scheer, Dave (MPCA) [<mailto:dave.scheer@state.mn.us>]
Sent: Wednesday, June 5, 2019 10:52 AM
To: Jay Hall <jhall@stlouispark.org>
Subject: FW: St. Louis Park - Water Treatment Plant No. 4 and Drinking Water Well SLP4

Good morning Jay;

Thanks for sending the substantial completion certificate for treatment plant #4. Although much of the information is provided in the certificate, EPA's contractor is interested in getting responses that are unambiguous and as they stated, "straight from the horse's mouth." Sorry for the additional list of questions. Just to be complete, it would not be a bad idea to have your signature added to the responses.

Please call me if you have any questions.

Dave

David Scheer P.G.
Senior Hydrogeologist
Remediation Division
Minnesota Pollution Control Agency
520 Lafayette Road
St. Paul, MN 55155

(w) 651.757.2693

(F) 651.296.9707

From: Harrigan, Sandra <Sandra.Harrigan@tetrattech.com>
Sent: Tuesday, June 04, 2019 3:54 PM
To: Scheer, Dave (MPCA) <dave.scheer@state.mn.us>
Subject: FW: St. Louis Park - Water Treatment Plant No. 4 and Drinking Water Well SLP4

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

Best regards

Sandra Harrigan | Project Manager

Direct: 678.775.3088 | Cell: 678.773.5428

Fax: 678.775.3138

sandra.harrigan@tetrattech.com

Tetra Tech | Complex World. Clear Solutions

1955 Evergreen Boulevard | Building 200, Suite 300

Duluth, GA 30096 | www.tetrattech.com

PLEASE NOTE: This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.

From: Harrigan, Sandra

Sent: Tuesday, June 4, 2019 2:34 PM

To: 'Hamblin.Patrick@epa.gov' <Hamblin.Patrick@epa.gov>

Cc: Anagnostopoulos, Sandy <Sandy.Anagnostopoulos@tetrattech.com>

Subject: St. Louis Park - Water Treatment Plant No. 4 and Drinking Water Well SLP4

Hi Pat,

Ex. 5 Deliberative Process (DP)

Sandra Harrigan | Project Manager
 Direct: 678.775.3088 | Cell: 678.773.5428
 Fax: 678.775.3138
sandra.harrigan@tetrattech.com
 Tetra Tech | Complex World. Clear Solutions
 1955 Evergreen Boulevard | Building 200, Suite 300
 Duluth, GA 30096 | www.tetrattech.com

PLEASE NOTE: This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.

From: Hamblin, Patrick [<mailto:hamblin.patrick@epa.gov>]
Sent: Monday, June 3, 2019 5:27 PM
To: Harrigan, Sandra <Sandra.Harrigan@tetrattech.com>; Anagnostopoulos, Sandy <Sandy.Anagnostopoulos@tetrattech.com>
Subject: FW: Well SLP4

⚠ CAUTION: This email originated from an external sender. Verify the source before opening links or attachments. ⚠

Sandra and Sandy,
 Info from MPCA regarding SLP4 is forwarded below.

Patrick Hamblin, NPL Coordinator
 Site Assessment and Grants Section, Superfund
 U.S. Environmental Protection Agency
 77 W. Jackson Blvd.
 Chicago, IL 60604
 (312) 886-6312

From: Scheer, Dave (MPCA) <dave.scheer@state.mn.us>
Sent: Monday, June 3, 2019 4:20 PM
To: Hamblin, Patrick <hamblin.patrick@epa.gov>
Cc: Aultz, Erica <aultz.eric@epa.gov>; Jevnisek, Jennifer M (MPCA) <jennifer.jevnisek@state.mn.us>; Biglow, Crague (MPCA) <crague.biglow@state.mn.us>
Subject: FW: Well SLP4

Pat;

Ex. 5 Deliberative Process (DP)

Dave

David Scheer P.G.
 Senior Hydrogeologist
 Remediation Division
 Minnesota Pollution Control Agency
 520 Lafayette Road
 St. Paul, MN 55155

(w) 651.757.2693

(F) 651.296.9707

From: Jay Hall <jhall@stlouispark.org>
Sent: Monday, June 03, 2019 3:51 PM
To: Scheer, Dave (MPCA) <dave.scheer@state.mn.us>
Cc: Jevnisek, Jennifer M (MPCA) <jennifer.jevnisek@state.mn.us>; Mark Hanson <MHANSON@stlouispark.org>; Joseph Shamla <jshamla@stlouispark.org>; Noma, Brian (MDH) <brian.noma@state.mn.us>; John Laumann <jlaumann@stlouispark.org>
Subject: RE: Well SLP4

Hi Dave and Jennifer,

Attached is a copy of the Substantial Completion Certificate and lab results. The December lab results were well 4 RAW and WTP 4 treated. The February results were treated water only sample and were tested to the lowest detection levels that PACE could provide. We will be taking RAW and treated samples again this month and will send you those results. Please let me know if you have any questions or need any other information.

Thanks,
 Jay

Jay Hall
Utilities Superintendent | City of St. Louis Park
 7305 Oxford Street, St. Louis Park , MN 55426
 Office: 952-924-2557 | Cell Phone: 952-242-7648
www.stlouispark.org
Experience LIFE in the Park

From: Scheer, Dave (MPCA) [<mailto:dave.scheer@state.mn.us>]
Sent: Friday, May 31, 2019 4:03 PM
To: Jay Hall <jhall@stlouispark.org>
Cc: Jevnisek, Jennifer M (MPCA) <jennifer.jevnisek@state.mn.us>
Subject: RE: Well SLP4

Thanks Jay, the substantial completion paperwork will likely suffice. Thanks. I will let you know if it will work after we see it and send on to EPA.

That's good news for the sample data. Please send at your convenience.

Dave

From: Jay Hall <jhall@stlouispark.org>
Sent: Friday, May 31, 2019 3:51 PM
To: Scheer, Dave (MPCA) <dave.scheer@state.mn.us>
Cc: Jevnisek, Jennifer M (MPCA) <jennifer.jevnisek@state.mn.us>
Subject: Re: Well SLP4

Hi Dave,

We just signed and accepted a substantial completion date of March 31, 2019. We used this date because the problems we've been having were minor or design issues that shouldn't go against MBI and substantial completion date. Will a copy of Substantial Completion paperwork showing March 31, 2019 be acceptable for item 1.

We have taken a couple VOC samples, which I will send to you next week. The treated water was ND except for CIS 1-2, which was below half of the HRL. We have sample of raw water as well.

Thanks and have a great weekend,
Jay

Sent from my iPhone

On May 31, 2019, at 3:28 PM, Scheer, Dave (MPCA) <dave.scheer@state.mn.us> wrote:

Hi Jay;

I have a few questions coming in from EPA that I was hoping you could help with:

1. I believe you had indicated that well #4 is now fully operational. Would you be able to provide a signed letter stating when well 4 returned to use?
2. Have any samples collected from well 4 been collected and analyzed for VOCs after operation began? Please indicate if raw water and treated water samples have been collected.

Thanks, have a good weekend.

Dave

David Scheer P.G.
Senior Hydrogeologist
Remediation Division
Minnesota Pollution Control Agency
520 Lafayette Road
St. Paul, MN 55155

(w) 651.757.2693
(F) 651.296.9707

NOTICE: This email (including attachments) is covered by the Electronic Communications Privacy Act, 18 U.S.C. 2510-2521. This email may be confidential and may be legally privileged. If you are not the intended recipient, you are hereby notified that any retention, dissemination, distribution, or copying of this communication is strictly prohibited. Please reply back to the sender that you have received this message in error, then delete it. Thank you